



Kentucky Agricultural Statistics Service
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KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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KBM 22-02

AGRICULTURAL NEWS: Rain! Scattered rain was received over most Kentucky counties, but for some fields it may be too little, too late. Days suitable for fieldwork averaged 5.6 out of a possible seven days. Main farm work was cutting, housing, spraying, and topping tobacco, preparing for corn harvest, baling hay, and mowing pastures. **Topsoil moisture** as of Friday, August 16 was rated 42 percent very short, 34 percent short, 23 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 42 percent very short, 36 percent short, 21 percent adequate and 1 percent surplus.

TOBACCO: Condition of the set tobacco was reported as 9 percent very poor, 17 percent poor, 25 percent fair, 38 percent good, and 11 percent excellent. Many tobacco fields could still yield well if more rain is received soon. Some producers report that within fields the yield potential is variable, with some patches looking really good and some really bad. Black shank is a problem Statewide, but is more severe in eastern Kentucky. There were no reports of Blue mold being a concern. Burley harvest is in full swing with 19 percent cut, compared to 26 percent last year and 23 percent on average. The pace of **dark tobacco** harvest also picked up with 21 percent of dark tobacco cut, compared to 26 percent last year and 22 percent for the average.

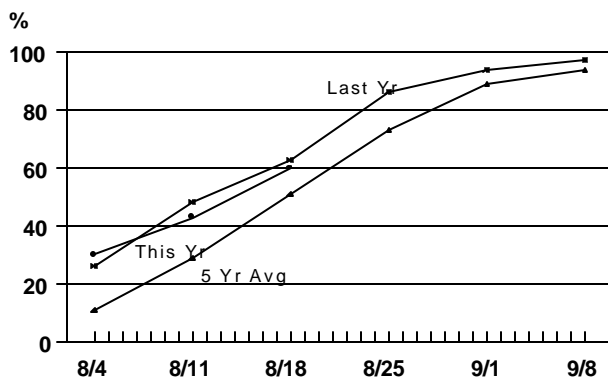
CORN: Condition as of Friday, August 16 was reported as 5 percent very poor, 21 percent poor, 34 percent fair, 33 percent good, and 7 percent excellent. Many fields are beyond the stage where rain would be beneficial. Good

yields are still expected in those areas where timely rains were received. There were a couple reports of some fields in the northeastern part of the State being cut for silage rather than grain. Corn in the dough stage reached 83 percent compared to 88 percent a year ago, and 77 percent for the five-year average. Approximately 60 percent of the corn was dented, compared with 63 percent a year ago and 51 percent on average. There were some reports of corn harvest starting in Western Kentucky last week.

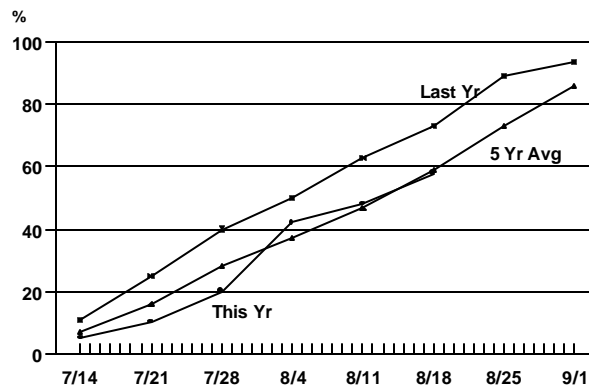
SOYBEANS: Crop condition as of August 16 was reported as 4 percent very poor, 14 percent poor, 34 percent fair, 40 percent good, and 8 percent excellent. Both early and late soybeans have been hurt by moderate drought conditions especially in western counties. However, the later planted soybeans can still rebound if more moisture is received. Eighty percent of the soybean crop was blooming as of Sunday, August 18, compared to 90 percent last year and 81 percent for the 5-year average. Over half the crop is setting pods at 58 percent, compared with 73 percent last year, and the five-year average of 59 percent.

OTHER CROPS: Although appreciated, the rains did not give the hay crop much help. The condition of **hay** was reported as 17 percent as very poor, 28 percent poor, 29 percent fair, 24 percent good, and 2 percent excellent. Even with the rains received last week there were still reports of supplemental feeding of hay to cattle. Pastures and ponds in many northwestern and eastern areas still need more rain.

CORN PERCENT DENT OR BEYOND



SOYBEANS SETTING PODS PROGRESS



KENTUCKY CROP PROGRESS
WEEK ENDING AUGUST 18, 2002
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans					
Blooming	80	90	81	76	94
Setting Pods	58	73	59	48	71
Corn					
Dough Stage	83	88	77	62	48
Dent Stage	60	63	51	43	15
Burley Tobacco					
Cut	19	26	23	8	NA
Dark Tobacco					
Cut	21	26	22	5	NA

(NA) Data Not Available.

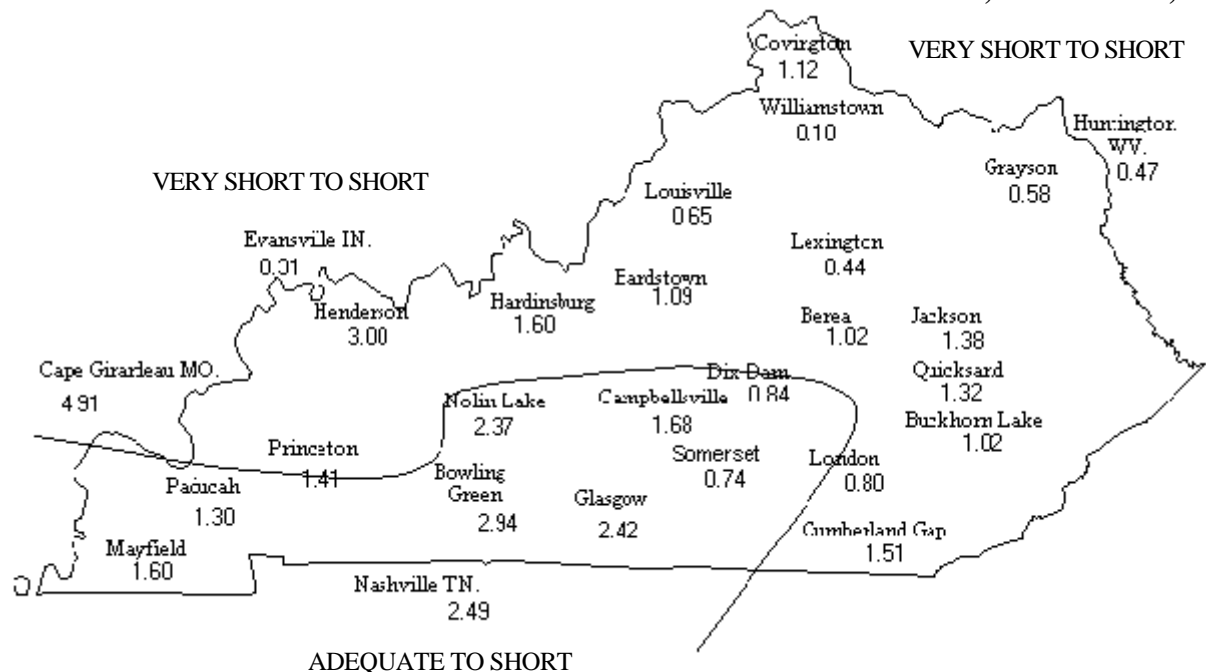
SOIL MOISTURE
WEEK ENDING AUGUST 16, 2002
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	42	54
Short	34	34
Adequate	23	11
Surplus	1	1
SUBSOIL		
Very Short	42	44
Short	36	40
Adequate	21	16
Surplus	1	0

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING AUGUST 16, 2002					WEEK ENDING AUGUST 9, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn	5	21	34	33	7	8	23	36	26	7
Soybeans	4	14	34	40	8	6	20	32	35	7
Pasture	22	28	31	17	2	20	30	31	17	2
Hay Crops	17	28	29	24	2	14	26	31	26	3
Tobacco in Field	9	17	25	38	11	7	17	28	37	11

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 18, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 16, 2002



KENTUCKY WEATHER SUMMARY, AUGUST 12 - 18, 2002:

ABOVE NORMAL TEMPERATURES AND ABOVE NORMAL RAINFALL:

For the first time in five weeks, weekly statewide rainfall totals were above normal. This much needed rainfall came to the State thanks to a pair of slow-moving frontal systems, one mid-week and one late in the week. The most significant of the two systems came through the area late in the week and, for several sections of the State, it provided at least small amounts of rainfall for two or three days. Above normal temperatures resulted for the State as a whole due mostly to southerly flow ahead of the two systems, but was not far above normal thanks to abundant cloud cover.

Temperatures for the period averaged 79 degrees across the State which was 4 degrees above normal. High temperatures averaged from 86 in the West to 89 in the East. Departure from normal high temperatures ranged from 2 degrees below normal in the West to 4 degrees above normal in the East. Low temperatures averaged from 71 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 6 degrees above normal in the West to 5 degrees above normal in the East.

Rainfall for the period totaled 1.39 inches statewide which was 0.55 inches above normal. Rainfall totals by climate division, West 2.09 inches, Central 1.84 inches, Bluegrass 0.65 inches and East 0.98 inches, which was 1.30 inches above normal, 1.00 inch above normal, 0.21 inches below normal, and 0.10 inches above normal, respectively. By station, rainfall totals ranged from a low of 0.10 inches at Williamstown to a high of 4.91 inches at Cape Girardeau.

Tom Priddy

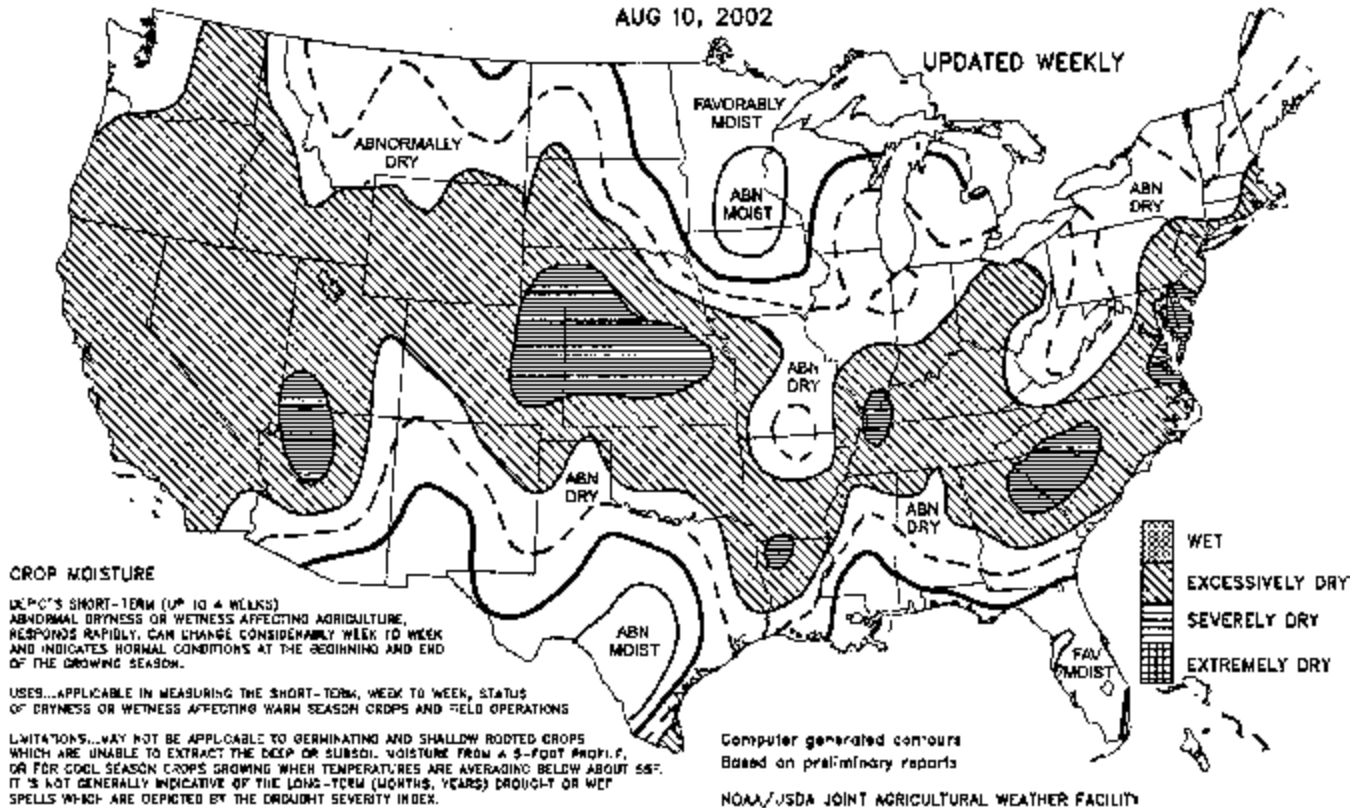
KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 18, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	1.09	23.37	2.31	+4.08	-1.58	91	66	77.8	+3	189	2846	+263
Berea	1.02	26.80	1.59	+7.04	-2.15	92	64	78.9	+5	190	2892	+229
Bowling Green	2.94	21.33	4.99	+1.12	+1.42	94	65	80.3	+6	196	2919	+226
Bristol	1.47	11.56	2.41	-5.34	-0.82	94	61	78.0	+4	180	2709	+248
Buckhorn Lake	1.02	18.19	1.68	-0.78	-2.00	93	63	77.1	+4	177	2722	+388
Cape Girardeau	4.91	27.00	5.04	+8.34	+1.87	88	68	76.6	+0	185	2991	+157
Campbellsville	1.68	23.06	3.04	+0.95	-1.35	93	65	78.5	+4	186	2926	+293
Covington	1.12	20.18	1.83	+2.12	-1.48	94	65	78.7	+5	190	2607	+175
Cumberland Gap	1.51	13.46	2.35	-7.47	-1.86	93	64	77.9	+4	183	2799	+368
Dix Dam	0.84	21.77	1.60	+1.92	-2.26	92	67	78.7	+5	189	2831	+230
Evansville	0.31	20.28	1.45	+2.17	-1.66	92	68	79.4	+3	197	2911	+217
Glasgow	2.42	22.80	3.98	+0.94	-0.07	94	65	79.6	+5	190	3042	+439
Grayson	0.58	17.87	2.97	-0.90	-0.78	94	65	79.7	+6	191	2727	+436
Hardinsburg	1.60	19.73	2.50	-0.20	-1.23	92	67	78.9	+5	194	2876	+183
Henderson	3.00	26.38	3.71	+7.85	+0.55	90	67	77.7	+2	188	2942	+218
Huntington	0.47	17.57	2.66	-1.21	-1.22	95	65	80.1	+7	191	2711	+249
Jackson	1.38	21.08	3.18	+1.10	-0.84	92	65	78.1	+5	186	2740	+406
Lexington	0.44	15.22	1.62	-4.07	-2.27	94	67	79.5	+6	192	2756	+294
London	0.80	15.97	1.98	-2.51	-1.48	92	63	77.5	+4	179	2703	+272
Louisville	0.65	18.68	1.34	-0.20	-2.17	93	68	78.9	+5	192	2844	+132
Mayfield	1.60	14.11	1.60	-6.03	-2.07	92	67	78.7	+3	189	2844	+90
Nashville	2.49	16.79	2.91	-2.01	-0.38	94	67	79.4	+5	192	3072	+190
Nolin Lake	2.37	20.27	3.99	-0.89	+0.18	94	66	80.0	+6	197	2874	+382
Paducah	1.30	20.38	2.07	+0.25	-1.22	92	69	78.4	+2	193	3029	+226
Princeton	1.41	20.18	1.70	-0.05	-2.01	95	66	79.3	+3	192	3089	+317
Quicksand	1.32	20.03	1.86	+0.05	-2.16	94	62	77.3	+4	177	2727	+393
Somerset	0.74	20.39	2.72	-0.44	-1.13	93	62	77.6	+4	180	2751	+229
Spindletop	0.38	12.85	0.94	-6.44	-2.95	92	60	77.4	+4	181	2676	+214
Williamstown	0.10	16.13	0.23	-2.90	-3.40	94	68	79.2	+6	193	2793	+331

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

Crop Moisture
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
AUG 10, 2002

UPDATED WEEKLY



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